

25X1A

Approved For Release 2003/09/30 : CIA-RDP67B00820R000300130022-5

ORIG: [REDACTED] 11f
 UNIT: APD/OSA
 EXT: [REDACTED]
 DATE: 26 DECEMBER 1963

S E C R E T

ROUTING		
1	APD/BSA	9
2	AD/OSA	10
3	D/TECH/OSA	11
4	D/FA/OSA	12
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DEFERRED	ROUTINE	PRIORITY	INITIALS
		OPERATIONAL IMMEDIATE	INITIALS
XX			

TO: [REDACTED]
 FROM: DIRECTOR

25X1A

CONF: OSA 1-15

INFO:

25X1A

25X1A 34559

TO: [REDACTED] INFO

CITE [REDACTED]

DEALIST/CORONA

25X1A

REF [REDACTED] 1464 (IN 56075)

ATT. [REDACTED]

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1. YOUR ATTENTION IS CALLED TO PROBLEMS POSTULATED IN CORONA PROGRAM REGARDING RELATIVE HUMIDITY AND CONDENSATION ON CORONA CAMERAS DURING LAUNCH. SOLUTION AT THAT TIME, FOR THAT SYSTEM, WAS TO REQUIRE DRY AIR OR NITROGEN PURGE OF THE CAMERA SYSTEM. IT APPEARS THAT SIMILAR PRECAUTIONS ARE NEEDED IN THE 12A SYSTEM. THE HEATING NOTED IN REF PARA 4 WILL NOT DECREASE THE ABSOLUTE HUMIDITY, BUT ONLY THE RELATIVE HUMIDITY. ON REMOVAL OF THE HEAT SOURCE, RELATIVE HUMIDITY WILL RISE AS TEMPERATURE FALLS.

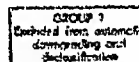
2. REF MESSAGE INDICATES RELATIVE HUMIDITY PROBLEMS ON BOTH TAKE-OFF AND RETURN.

3. LONG-TERM SOLUTION TO THE RELATIVE HUMIDITY PROBLEM WILL BE NEEDED FOR BOTH THE SINGLE AND DOUBLE CAMERA SYSTEMS.

COORDINATING OFFICERS

S E C R E T

RELEASING OFFICER



AUTHENTICATING OFFICER

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CLASSIFIED MESSAGE

S E C R E T

RIG:
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ROUTING			
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	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

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INFO

CITE

4. WITH REGARD TO PARA 6.

A. INITIAL INFORMATION INDICATED REASONABLE AMOUNT
OF CLEAR WEATHER FOR EVALUATION.

B. YOU INDICATE THAT QUOTE POOR EXPOSURE UNQUOTE
AND QUOTE IMPROPER PROCESSING UNQUOTE ARE RELATED PROBLEMS.
IT WOULD APPEAR THAT FIELD PROCESSING SHOULD BE ADEQUATE TO
MAKE ROUGH ESTIMATES OF ADEQUACY OF EXPOSURE TO UNCOVER POSSIBLE
ERRORS IN CYCLING RATE OR SLIT WIDTH. WE UNDERSTAND THAT
SUITABLE TIME AND TEMPERATURES ARE AVAILABLE FOR D-19 PROCESSING
USED BY [REDACTED] IS ~~BE~~ BEING QUERIED ON THIS POINT:
YOU WILL BE INFOED ON THE TRAFFIC.

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5. IN LIGHT OF RELATIVELY COMMON FAILURE OF THE SHEAR
PIN AND STAR-WHEEL DRIVE, PLEASE REVIEW THE SPARES LIST ON
THESE ITEMS, WITH REGARD TO NEED FOR AUGMENTATION.

END OF MESSAGE

REF: TROUBLE REPORT FROM FIELD ON 112A CAMERA.

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COORDINATING OFFICERS

APD/CSA

RELEASING OFFICER

S E C R E T

GROUP 1
Excluded from automatic
downgrading and
declassification

AUTHENTICATING OFFICER